

**MORPHOLOGY-BASED DIAGNOSTIC MONITORING OF
ELECTROGRAMS BY IMPLANTABLE CARDIAC DEVICE**

ABSTRACT

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A system and method is presented in which an implantable cardiac device is configured to generate representative electrograms which can be transmitted to an external programmer for display. A representative electrogram represents a patient's typical electrogram during a defined time period or when a particular condition exists.

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Such representative electrograms may be averages or other statistical measures of electrograms recorded continuously or periodically during the defined time period or during the time when the particular condition exists.

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